

METHOD FOR ALLOCATING DATA PACKET FLOW

ABSTRACT OF THE DISCLOSURE

A method is used for allocating data packet flows among a plurality of data channels of a network node. First of all, the data packets to be transmitted via the data channels are classified into a plurality of data packet flows, wherein a first data packet flow queues in a first data channel to be transmitted, and a second data packet flow is assigned to the first data channel behind the first data packet flow. The second data packet flow is then transferred from the first data channel to another data channel to be transmitted when the amounts of the first data packet flow, the second data packet flow and a third data packet flow queuing in the another data channel comply with a predetermined relationship. Meanwhile, a broadcast data packet is transmitted after the first data packet flow via the first data channel. In response to the broadcast data packet, the second data packet is transmitted via another data channel.